

CLAIMS

I claim:

5 1. A grill for cooking food comprising:

a plurality of grill racks;

a forced air supply;

means for holding charcoal while heating;

10 means for heating said charcoal to a temperature appropriate for grilling;

means for transferring hot charcoal to a charcoal holding rack;

a shell for supporting and containing said charcoal and said racks;

means for controlling the flow rate of said air over said charcoal; and

means for conducting air from said forced air supply to the charcoal.

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2. Cooking grill as claimed in claim 1 wherein said racks are disposed toward one another in parallel fashion, each parallel to the ground.

20 3. Cooking grill as claimed in claim 2 wherein a plurality of said racks is adjustable, and thus capable of being moved from place to place within the grill, or removed completely therefrom.

4. Cooking grill as claimed in claim 1 wherein said charcoal holding means is a plurality of metal baskets.

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5. Cooking grill as claimed in claim 1 wherein said heating means is comprised of a plurality of electrical heating coils or rods.

30 6. Cooking grill as claimed in claim 5 wherein said electrical heating means is suitable for use in the absence of charcoal to heat a side burner unit for cooking or warming food.

7. Cooking grill as claimed in claim 1 additionally comprising a cover with handle, said cover being pivotably attached to said shell, allowing said cover to be raised and lowered for open or enclosed cooking.

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8. Cooking grill as claimed in claim 1 wherein said forced air supply is comprised of a forced air supply blower unit attached to said grill.

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8. Cooking grill as claimed in claim 1 further comprising an attached vacuum unit for the purpose of aiding cleanup after cooking.

10. Cooking grill as claimed in claim 1 wherein said airflow controlling means is comprised of a variable flow forced air supply.

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11. Cooking grill as claimed in claim 1 wherein said charcoal is ignited and heated in a metal firebox prior to being moved into position for cooking food.

12. Cooking grill as claimed in claim 11 wherein said forced air supply is delivered to said charcoal by means of a supply tube to said firebox.

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13. Cooking grill as claimed in claim 1 wherein said shell contains a plurality of air diverters.

14. Cooking grill as claimed in claim 1 wherein said shell contains two levels for supporting movable charcoal racks, firebox, manifold, and other internals.

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15. Cooking grill as claimed in claim 1 wherein said firebox comprises an attached mesh screen spark arrestor at the top face of said firebox.

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16. A method for cooking food on a grill over hot charcoal, comprising the steps of:
heating the charcoal over an electric heat source until hot enough to sustain
cooking;
transferring the hot charcoal to a charcoal holding rack disposed directly or
indirectly underneath a food grilling rack;
placing food on said grilling rack and thereafter cooking according to standard
outdoor grilling methods; using forced air to assist the charcoal ignition and
food cooking process; and
at a time after cooking, cleaning aided by a vacuum cleaning device attached
to the food cooking grill.